



Facilities Services
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ENERGY CONSERVATION PLAN GOAL ACHIEVEMENTS

June, July and August 2016

Submitted for October 1, 2016

UNIVERSITY CONTACT FOR RESOURCE EFFICIENCY PLAN

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The University of Houston-Victoria has developed an energy savings program with goals to save energy to include electricity, natural gas, and gasoline. An Energy Conservation Plan is located on our website.

I. **Energy Conservation Plan**

Resource Efficiency Plan (facilities)

In accordance with 34 TAC §19.14, this university has prepared a Resource Efficiency Plan. This plan will be updated and supplemented to the extent necessary to respond to RP- 49.

- Few reductions in consumption of electricity are available as the university continues to grow and consists of new, more fully populated and more extensively used buildings. Electrical consumption increased by 1.9497% this quarter compared to the same quarter last year. Having only a slight increase may be attributed to repairs on the HVAC systems, resulting in better efficiency, as well as the slightly milder summer temperatures compared to the previous year. Usage level for June, July and August of FY15 was 1,528,130 KWH. Usage level for June, July and August of FY16 was 1,557,924 KWH.
In order to minimize electrical consumption in all owned, leased, and rented properties, we are pursuing these practices:
 - Continue to fund a comprehensive preventative maintenance program.
 - Chillers, heaters, and air handlers are shut down when buildings are not scheduled for occupancy.
 - Educate employees on consumption reducing practices.
 - Change out inefficient electrical consuming devices as we recognize they are inefficient
- Few reductions in consumption of natural gas are normally available as the university continues to grow and consists of new, more fully populated and more extensively used buildings. Some of the new buildings do not have natural gas, thus a sharp increase is not expected. Boiler repairs in May at one of the older buildings resulted in greater efficiency and a reduction of consumption at that location. Consequently, natural gas consumption decreased by 19.21% this quarter of FY16 compared to the same quarter in FY15. Usage level for June, July and August of FY15 was 5,164 CCF. Usage level for June, July and August of FY16 was 4,172 CCF.
In order to minimize natural gas consumption in all owned, leased, and rented properties, we are pursuing these practices:

- Continue to fund a comprehensive preventative maintenance program for all gas appliances.
- Cycle HVAC units off when buildings are not scheduled for occupancy.
- Educate employees on consumption reducing practices.
- Change out inefficient gas consuming devices as soon as possible.

Fleet Fuel Management Plan (vehicles)

- Reductions in fleet fuel consumption are not feasible at this time, also due to the growth of the university. Additional vehicles are being purchased, including shuttle buses for student transportation, and existing vehicles are being utilized more fully. Total consumption for all vehicles increased by 31.90% this quarter compared with the same quarter this time last year. Usage level for June, July and August of FY15 was 1,517.32 gallons consumed. Usage level for June, July and August of FY16 was 2,001.29 gallons consumed.

In order to minimize fuel use in all vehicles and equipment, we have committed to:

- Continue to fund a comprehensive preventative maintenance program
- Plan vehicle usage for higher occupancy usage when applicable
- Educate employees in efficient driving practices
- Change out inefficient fuel consuming devices and vehicles as applicable
- Fully utilize the State's Fleet Data Management System when applicable
- Follow the agencies best practices, where feasible

I. Reporting Progress

Submitted September 22, 2016

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AND

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